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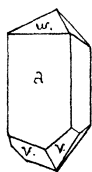
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crystalline rocks of the Atlantic coast, but never before from Pennsylvania. The particular locality discovered by Mr. Dailey is in the quarry just below Morgan's Station on the southeast side of Chester creek, about five miles from the city of Chester. The associate minerals are magnetite, hematite, green mica, quartz and a flesh-colored feldspar in which the crystals, about one-quarter of an inch in length, were observed. Two or three perfect crystals were found and a quantity of fragments. Mr. Dailey has subjected his find to the following examination:



“The best crystals were examined with the aid of a polariscope, and what appeared to be parallel extinction was observed, thus excluding the possibility of its being distorted garnet, which had been suggested, and it apparently confined the crystallization to practically tetragonal or orthorhombic; but upon looking up Monazite, which had been suggested, the angles of extinction were found to very nearly approach right angles; thus the apparent parallel extinction of a monoclinic mineral was explained. Measurements (rough, to be sure, for the surfaces did not permit the reflection of a well-defined image) were made with the reflecting goniometer of two angles, one of which was an essential angle. For angle  $a\ w$ , which according to Dana is  $39^{\circ} 12' 30''$ , was found  $39^{\circ}$  and about  $19'$ , and angle  $v\ v$ , which should be  $73^{\circ} 19' 00''$ , was found about  $73^{\circ} 30'$ .

A qualitative chemical analysis was thought necessary to insure and corroborate the above. The pulverized fragments were taken to dryness with hydrochloric acid, taken up with water and precipitated with oxalic acid. This precipitate gave upon ignition the peculiar red color of the cerium group. Another portion of powder upon fusion with white flux and solution in nitric acid gave with ammonium molybdate the characteristic reaction for phosphorus.

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AUGUST 8.

MR. BENJAMIN SMITH LYMAN in the Chair.

Six persons present.

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AUGUST 22.

MR. BENJAMIN SMITH LYMAN in the Chair.

Six persons present.

A paper entitled “New Species and Varieties of Mollusks from

Miami, Florida," by Henry A. Pilsbry, was presented for publication.

The death of W. D. Hartman, M.D., a correspondent, was announced.

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AUGUST 29.

MR. BENJAMIN SMITH LYMAN in the Chair.

Nine persons present.

*Confirmation of the Generic Characters of Ashmunella.*—DR. PILSBRY stated that living specimens of a new form of *Ashmunella* (*A. thomsoniana porterae* Pils. & Ckll.) had been found recently by Miss Wilmatte Porter, one of Prof. Cockerell's pupils. It proves to be similar in anatomy to the type of the genus, thus confirming the generic diagnosis.

The following were ordered to be printed: